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PRIORITY X

COMDR AFBMD (BEDARDC) LOS ANGELES, CALIFORNIA

SECRETARY OF THE AIR FORCE, WASH D. C.

COFS, HQ USAF, WASH D. C.

COMARDC ANDREWS AFB MARYLAND

SECRET FROM WDEN 2-17-E FOR THE SECRETARY OF THE AIR FORCE; FOR GENERAL WHITE CHIEF OF STAFF; FOR GENERAL ANDERSON COMARDC. REFERENCE MEMORANDUM FROM MR JOHNSON, DIRECTOR ARPA, TO COMDR AFBMD, SUBJECT: STATUS REPORT ON DISCOVERER, SENTRY AND MIDAS PROGRAMS, DTD 23 FEB 59. COPIES OF THE MEMO WERE PROVIDED TO THE SECRETARY OF THE AIR FORCE AND TO COMARDC. THE MEMORANDUM TAKES ISSUE WITH STATEMENTS CONCERNING PROGRAM INSTABILITY AND INCREMENTAL FUNDING WHICH WERE MADE BY AFBMD IN THE MILITARY SATELLITE PROGRAM STATUS REPORT FOR THE MONTH ENDING 31 JAN 59. COMDR AFBMD DOES NOT BELIEVE THE MEMORANDUM REQUIRES A REPLY. AFBMD HAS, SUBSEQUENT TO THE MEMO, RECEIVED FULL PROGRAM APPROVAL AND FUNDING FOR THE FY 59 SENTRY AND DISCOVERER PROGRAMS. HOWEVER, THE FOLLOWING FACT SHEET IS SUBMITTED IN EXPLANATION OF THE STATEMENTS MADE BY COMDR AFBMD IN THE REFERENCED

24 FEB 59

HARRY L. EVANS
Colonel, USAF
Director for WS 117L

117W-54

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DATE OF DISPOSITION

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17 Sept '57

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WHEN FOR [redacted]
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[illegible]

1. [illegible] 3.7 MILLIONS [illegible]

2. 1 JULY - DEVELOPMENT PLAN PUBLISHED. TOTAL RE-QUIREMENT [illegible] FOR FY 59.

3. 17 JULY 58 AMENDMENT 1 TO ARPA ORDER 9-58 IN-CREASED AVAILABLE FUNDS TO 30.7 MILLIONS, ACCORDING TO 1 JULY DEVELOPMENT PLAN.

4. 29 JUL 58 MEMO ARPA TO USAF CONFIRMED 30.7 MILLIONS AND STATED BALANCE OF FY 59 PROGRAM OF 115 MILLIONS CONSISTING OF [illegible] PLUS 0 ADDITIONAL [illegible] FUNDED AT 18.0 WILL BE MADE AVAILABLE UPON CONGRESSIONAL OR DOD ACTION.

5. 30 JUL 58 TWX WDCE 7-18-E AFBMD TO ARPA REQUESTED RELEASE OF 40.0 MORE (TOTAL 70.7) TO COVER OBLIGATIONS THRU 30 SEP 58.

6. 4 AUG 58 AMENDMENT 2 TO ARPA ORDER 9-58 RELEASED 20.0 FOR TOTAL OF 50.7.

7. 15 AUG 58 TWX WDCE [illegible] AFBMD TO ARPA REQUESTED 20.0 [illegible] BY 1 SEP 58.

8. 25 AUG 58 AMENDMENT 3 TO ARPA ORDER 9-58 INCREASED TO TOTAL BY 20.0 TO 70.7.

9. 15 SEP 58 - SENTRY DEVELOPMENT PLAN REVISED. TOTAL [illegible] FY 59.

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10. 28 SEP 58 - TWX WDCB 9-2L-E AFBMD TO ARPA REQUESTED RELEASE OF TOTAL FY 59 PROGRAM BUT NOT LESS THAN 85.0 TOTAL BY 1 OCT 58.

11. 29 SEP 58 - TWX DEF 946618 ARPA TO BMD INCREASED FY 59 FUNDING TO 136.2 MILLIONS. CONFIRMED BY AMENDMENT 4 TO ARPA ORDER 9-58.

12. 16 NOV 58 ARPA ORDER 48-59 ESTABLISHED DISCIVERER AS SEPARATE FROM WS 117L (SENTRY) PROGRAM.

13. 5 DEC 58 ARPA DIRECTED REORIENTATION OF SENTRY/DISCOVERER PROGRAMS TO REDUCE COST AND CHANGE SOME OBJECTIVES.

14. 19 DEC 58 TWX WDCB 12-3-E AFBMD TO ARPA REQUESTED FY 59 TOTAL FUNDS NOT LATER THAN 10 JAN 59.

15. 8 JAN 59 TWX WDCB 1-3-E AFBMD TO ARPA FOLLOW-UP ON MESSAGE WDCB 12-3-E. WORK STOPPAGE IF ADDITIONAL FUNDS NOT RELEASED BY 20 JAN 59.

16. 21 JAN 59 - AMENDMENT 7 TO ARPA ORDER 9-58 INCREASED AMOUNT AVAILABLE TO 148.2 MILLIONS

17. 30 JAN 59 REVISED SENTRY AND SEPARATE DISCOVERER DEVELOPMENT PLANS PUBLISHED. COMBINED TOTAL FY 59 215 MILLIONS.

18. 16 FEB 59 - AMENDMENT 8 TO ARPA ORDER 48-59 9-58 (SENTRY) REDUCED AMOUNT FROM 148.2 TO 96.6. CONCURRENTLY, AMENDMENT 1 TO ARPA ORDER 48-59 (DISCOVERER) RELEASED 104.3. PROGRAM TOTAL OF 200.9 EXCLUDING FACILITIES. FACILITIES ON ARPA ORDER 41-59 ADJUSTED BY AMENDMENT 2 FROM 9.827 TO 9.0. ARPA PROGRAM GOAL ALL ORDERS 209.9. THIS LINE WILL FY 59 APPROVAL OF ARPA FUNDING FOR SENTRY AND

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AIR FORCE IDPS, Ogden

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OFFICE OF ORIGIN: [redacted]
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PERSON COORDINATING WILL ENTER NAME AND DATE IN APPROPRIATE BLOCK

COMDR, AFBMD (NEDARDC) LOS ANGELES, CALIFORNIA.

DIRECTOR,

R. CHRONOLOGY OF MIDAS PROGRAM.

1. 15 SEP 58 SENTRY DEVELOPMENT PLAN DELETED IR DETECTION OF ICBM FROM SENTRY PROGRAM AT ARPA DIRECTION.

2. 17 SEP 58 ICBM ATTACK ALARM SUPPLEMENTAL DEVELOPMEN T PLAN PUBLISHED BY AFBMD.

3. 10 OCT 58 AFBMD INFORMED HQ ARDC THAT 1.855 MILLIONS REQUIRED TO CONTINUE SATELLITE INFRARED ICBM ATTACK ALARM SYSTEM 15 OCT THRU 15 DEC 58, PENDING DECISION ON PROGRAM.

4. 24 OCT 58 HQ USAF PROVIDED 1.855 AS REQUESTED FOR PROPOSED ATLAS-BOOSTED IR PROGRAM.

5. 5 NOV 58 ARPA ORDER 38-59 ESTABLISHED MIDAS (MISSILE DEFENSE ALARM SYSTEM) R&D PROGRAM RECOMMENDING THOR-BOOSTED FLIGHTS. FUNDED 4.5 MILLIONS FOR NOV 58 THRU JAN 59.

6. 15 DEC 58 HQ USAF PROVIDED 1.5 MILLIONS FOR 15 DEC 58 THRU 15 JAN 59 FOR ATLAS BOOSTED PROGRAM.

7. 15 JAN 59 HQ USAF FUNDED 1.5 FOR 15 JAN THRU 15 FEB FOR ATLAS BOOSTED MIDAS PROGRAM.

8. 30 JAN 59 MIDAS DEVELOPMENT PLAN PUBLISHED BY AFBMD AND BRIEFED TO ARPA AND HQ USAF. TOTAL FY 59 FUNDING REQUESTED 37.2 MILLIONS ATLAS-BOOSTED FLIGHTS NOT THOR.

9. 13 FEB 59 AFBMD ASKED HQ USAF FOR 4.75 TO CARRY MIDAS AS DEFINED IN 30 JAN 59 DEVELOPMENT PLAN 15 FEB THRU 15 MAR 59.

10. STATUS AS OF 25 FEB 59 - TOTAL FUNDS [redacted] utilized

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ITEM 59-213

AIR FORCE IDPS: Dec

OFFICE OF ORIGIN: [redacted] SYMBOL: [redacted]
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OFFICE OF ORIGIN: WIRE ENTER OFFICE SYMBOLS IN THIS BLOCK ON ORDER OF SEQUENCE OF COORDINATION

PERSON COORDINATING WIRE, ENTER NAME AND SYMBOL

TO: ARDC, ANDREWS (REARDC) LOS ANGELES, CALIFORNIA

NAME: [redacted] MIDAS - ARPA 750 FROM AFBMD SERIES 58-59, 4 750M ARPA ORDER

DATE: 9-58 PRIOR TO DELETION OF EFFORT UNDER ENTRY ON 15 SEP 58, FOR A

TO: TOTAL OF 9,150). AIR FORCE 4,895 COMMITTED, 3,355 OBLIGATED. TOTAL

NAME: AIR FORCE FY 59 6,005. EFFORT FOR 15 FEB THRU 15 MAR 59 IS NOT

DATE: YET FUNDED.

TO: II. THE ARPA MANCHARTER POINTED TO THE FACT THAT AFBMD DEVELOP-

NAME: MENT PLANS DATED 30 JAN 59 WERE NOT RECEIVED AT ARPA UNTIL 12 FEB 59.

DATE: ACTUALLY, THE COMPLETED PLANS WERE HANDCARRIED AND DELIVERED TO HQ

TO: ARDC, HQ USAF, AND ARPA DURING THE PERIOD 26 JAN - 4 FEB 59. CERTAIN

NAME: FUNDING CHANGES WERE DIRECTED DURING THIS COORDINATION CYCLE. REVISED

DATE: BOOKS WERE PUBLISHED ON 11 FEB AND DELIVERED TO HQ ARDC, HQ USAF,

TO: AND ARPA ON 12 FEB 59. ALL CUSTOM, BALLISTIC MISSILE DEVELOPMENT

NAME: PLANS ARE DATED ONLY AS OF THE 15th AND 30th OF THE MONTH. ACCORDINGLY,

DATE: THE REVISED PLANS CARRY THE DATE OF 30 JAN 59.

TO: III. THE ARPA MEMORANDUM OBJECTS TO THE TIME REQUIRED TO OBTAIN

NAME: A NEW DEVELOPMENT PROGRAM. THE NEW OBJECTIVES WERE DEFINED TO AFBMD

DATE: BY ARPA DURING THE FIRST WEEK IN DECEMBER 1958. A THOROUGH CONTRACTOR -

TO: AFBMD REVIEW, INCLUDING BOTH TECHNICAL AND FINANCIAL ANALYSIS OF THE

NAME: ENTIRE REVISED PROGRAM WAS COMPLETED AND PUBLISHED, AS NOTED ABOVE,

DATE: ON 30 JAN 59.

TO: IV. IN SUMMARY, THE STATEMENTS MADE BY AFBMD IN THE MILITARY

NAME: MANAGEMENT PROGRAM STATUS REPORT FOR 31 JAN 59 ARE BELIEVED TO BE

DATE: FULLY SUBSTANTIATED BY THE ABOVE HISTORY OF ACTIONS TAKEN. AT

TO: PRESENT, DISCOVERER AND SENTRY ARE FUNDED FOR FY 59. MIDAS REMAINS

NAME: [redacted] OFFICE OF ORIGIN: [redacted] PHONE:

DATE: WHEN DIVISION: PHONE NO: [redacted] ord

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PERSON COORDINATING WILL ENTER NAME AND DATE IN APPROPRIATE BLOCK

FORCE, AFBMD (REDANDO) LOS ANGELES, CALIFORNIA

UNRESOLVED AND IS CONTINUING ON A MONTH-TO-MONTH BASIS, PRINCIPALLY WITH AIR FORCE FUNDING.

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17 Sept. '57

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AIR FORCE (DPS, Ogden)